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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p> <p>Sheet 1 of 2</p>		<p style="text-align: right;"><i>Complete if Known</i></p> <table border="1"> <tr> <td>Application Number</td> <td>10/562,561</td> </tr> <tr> <td>Filing Date</td> <td>December 27, 2005</td> </tr> <tr> <td>First Named Inventor</td> <td>McSwiggen</td> </tr> <tr> <td>Art Unit</td> <td>TBA 1635</td> </tr> <tr> <td>Examiner Name</td> <td>TBA Terra C. Gibbs</td> </tr> <tr> <td>Attorney Docket Number</td> <td>02-728-L (400.166US)</td> </tr> </table>		Application Number	10/562,561	Filing Date	December 27, 2005	First Named Inventor	McSwiggen	Art Unit	TBA 1635	Examiner Name	TBA Terra C. Gibbs	Attorney Docket Number	02-728-L (400.166US)
Application Number	10/562,561														
Filing Date	December 27, 2005														
First Named Inventor	McSwiggen														
Art Unit	TBA 1635														
Examiner Name	TBA Terra C. Gibbs														
Attorney Docket Number	02-728-L (400.166US)														

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)			
/TCG/	*	WO 94/01550	01-1994	Agrawal et al.	

**Examiner
Signature**

/Terra Cotta Gibbs/

Date Considered

03/21/2007

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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(Use as many sheets as necessary)			
Sheet 2	of 2	Attorney Docket Number 02-728-L	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/TCG/	*	Shaw et al., (1991) Nucleic Acids Res. 19:747-750	
	*	Chang et al., (1999) J. Mol. Neuroscience 12:69-74	
	1	GenBank Accession No. CQ989002, January 25, 2005	
	2	GenBank Accession No. NM_000484 October 31, 2000	
	*	Schmidt et al., "Bases and sugar requirements for RNA cleavage of essential nucleoside residues in internal loop B of the hairpin ribozyme: implications for secondary structure", Nucleic Acids Research, 1996, Vol. 24, No. 4:573-581	
	*	Caplen NJ, "RNAi as a Gene Therapy Approach", Expert Opinion Biol. Ther. (2003) Vol. 3(4):575-586	
/TCG/	*	Hammond et al., "Post-transcriptional gene silencing by double-stranded RNA" Nature, 2001, Vol. 2, 110-119	

Examiner Signature	/Terra Cotta Gibbs/	Date Considered	03/21/2007
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FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 02-728-L (400.166US)	Serial No. 10/562,561
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
O I P E DEC 08 2006 PATENT AND TRADEMARK OFFICE		Applicant: McSwiggen et al.	
		Filing Date: June 19, 2006	Group: 1635

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
/TCG/	*	08/975,238	06/19/01	Matulic-Adamic et al.			
	*	09/301,511	04/28/99	Beigleman et al.			
	*	09/740,332	12/18/00	Blatt et al.			
	*	09/800,594	03/06/01	Usman and McSwiggen			
	*	09/930,423	08/15/01	Blatt			
	*	10/151,116	05/17/02	Matulic-Adamic et al.			
	*	10/201,394	07/22/02	Vargeese			
	*	10/201,394	08/13/01	Vargeese			
	*	10/205,309	07/25/02	McSwiggen			
	*	10/417,012	04/16/03	McSwiggen et al.			
	*	10/422,704	04/24/03	McSwiggen et al.			
	*	10/427,160	04/30/03	Vargeese			
	*	10/444,853	05/23/03	McSwiggen			
	*	10/607,933	06/27/03	McSwiggen et al.			
	*	10/652,791	08/29/03	McSwiggen et al.			
↓	*	10/693,059	10/23/03	McSwiggen et al.			
/TCG/	*	10/720,448	11/24/03	McSwiggen et al.			

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/TCG/	*	10/727,780	12/03/03	Vaish et al.			
	*	10/757,803	01/14/04	McSwiggen et al.			
	*	10/780,447	02/13/04	Vargeese et al.			
	*	10/826,966	04/16/04	McSwiggen et al.			
	*	60/082,404	04/20/98	Blatt			
	*	60/292,217	05/18/01	Adamic et al.			
	*	60/306,883	07/20/01	Vargeese et al.			
	*	60/311,865	08/13/01	Vargeese et al.			
	*	60/358,580	02/20/02	Beigelman			
	*	60/362,016	03/06/02	Matulic-Adamic			
	*	60/363,124	03/11/02	Beigelman			
	*	60/386,782	06/06/02	Beigelman			
	*	60/402,996	08/13/02	Usman			
	*	60/406,784	08/29/02	Beigelman			
	*	60/408,378	09/05/02	Beigelman			
	*	60/409,293	09/2002	Beigelman			
	*	60/440,129	01/15/03	Jackson			
	*	60/543,480	02/10/04	Jadhati et al.			
↓	*	US 2001/0007666	01/05/99	Hoffman et al.			07/12/01
/TCG/	*	US 2002/0130430	12/29/00	Caster			09/19/02

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		Filing Date: June 19, 2006	Group: 1635	

/TCG/	*	US 2002/0137210	08/09/01	Churikov			09/26/02
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
/TCG/	*	4,987,071	01/22/91	Cech et al.			
	*	5,108,921	04/28/92	Low et al.			
	*	5,138,045	08/11/92	Vargeese et al.			
	*	5,214,136	05/25/93	Lin et al.			
	*	5,334,711	08/02/94	Sproat			
	*	5,416,016	05/16/95	Low et al.			
	*	5,589,332	12/31/96	Shih et al.			
	*	5,624,803	04/29/97	Noonberg			
	*	5,627,053	05/06/97	Usman			
	*	5,631,359	05/20/97	Chowrira et al.			
	*	5,631,360	05/20/97	Usman			
	*	5,670,633	09/23/97	Cook et al.			
	*	5,672,695	09/30/97	Eckstein			
▼	*	5,672,695	09/30/97	Eckstein et al.			
/TCG/	*	5,716,824	02/10/98	Beigelman			

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/TCG/	*	5,741,679	04/21/98	George et al.			
	*	5,792,847	08/11/98	Buhr et al.			
	*	5,804,683	09/08/98	Usman			
	*	5,814,620	09/29/98	Robinson et al.			
	*	5,831,071	11/3/98	Usman			
	*	5,834,186	11/10/98	George et al.			
	*	5,849,902	12/15/98	Arrow et al.			
	*	5,854,038	12/29/98	Sullenger			
	*	5,871,914	02/16/99	Nathan et al.			
	*	5,889,136	3/30/99	Scaringe			
	*	5,898,031	04/27/99	Crooke			
	*	5,902,880	5/11/99	Thompson			
	*	5,989,912	11/23/99	Arrow et al.			
	*	5,998,203	12/7/99	Matulic-Adamic			
	*	6,001,311	12/14/99	Brennan			
	*	6,005,087	12/21/99	Cook et al.			
	*	6,008,400	12/28/99	Scaringe			
	*	6,054,576	04/25/00	Bellon			
	*	6,107,094	08/22/00	Crooke			
/TCG/	*	6,111,086	08/29/00	Scaringe			

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/TCG/	*	6,117,657	09/12/00	Usman			
	*	6,146,886	11/14/00	Thompson			
	*	6,153,737	11/28/00	Manoharan et al.			
	*	6,162,909	12/19/00	Bellon			
	*	6,168,778	01/02/01	Janjic et al.			
	*	6,180,613	01/30/01	Kaplitt et al.			
	*	6,235,310	05/22/01	Wang et al.			
	*	6,235,886	05/22/01	Manoharan et al.			
	*	6,248,878	06/19/01	Matulic-Adamic			
	*	6,300,074	10/09/01	Gold			
	*	6,303,773	10/16/01	Bellon			
	*	6,335,434	01/01/02	Guzaev et al.			
	*	6,350,934	02/26/02	Zwick et al.			
	*	6,353,098	03/05/03	Usman			
	*	6,362,323	03/26/01	Usman			
	*	6,395,713	05/28/02	Beigelman			
	*	6,395,713	05/28/02	Beigelman et al.			
	*	6,437,117	08/20/02	Usman			
▼	*	6,447,796	09/10/02	Vook			
/TCG/	*	6,469,158	10/22/02	Usman			

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Applicant: McSwiggen et al.					
Filing Date: June 19, 2006			Group: 1635		

/TCG/	*	6,476,205	11/05/02	Buhr et al.			
	*	6,506,559	01/14/03	Fire			
	*	6,506,559	01/14/03	Fire et al.			
	*	6,528,631	03/04/03	Cook et al.			
↓	*	6,586,524	07/01/03	Sagara			
/TCG/	*	6,617,156	09/09/03	Doucette-Stamm et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/TCG/	*	2001240375 (Old Application No. 40375/01)	03/16/01	AU (Graham et al.)				
/TCG/	*	2,359,180	08/03/00	CA (Kreutzer et al.)				
/TCG/	*	0 360 257	02/28/90	EP (Hampel et al.)				
	*	1144623-B1	01/29/02	EP (Kreutzer et al.)				→
/TCG/	*	88/09810	12/15/88	WO (Tullis et al.)				
/TCG/	*	89/02439	03/23/89	WO (Arnold et al.)				
/TCG/	*	90/12096	10/18/90	WO (Low et al.)				
/TCG/	*	90/14090	11/29/90	WO (Gillespie et al.)				

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		Applicant: McSwiggen et al.	
		Filing Date: June 19, 2006	Group: 1635

/TCG/	*	91/03162	03/21/91	WO (Rossi et al.)				
	*	92/07065	04/30/92	WO (Eckstein et al.)				
	*	93/15187	08/05/93	WO (Usman et al.)				
	*	93/23569	11/25/93	WO (Draper et al.)				
	*	94/01550	01/20/94	WO (Agrawal et al.)				
	*	94/02595	02/03/94	WO (Sullivan et al.)				
	*	95/06731	03/09/95	WO (Usman et al.)				
	*	95/09236	04/06/95	WO (Marotta et al.)				
	*	95/11304	04/27/95	WO (Usman et al.)				
	*	95/11910	05/04/95	WO (Dudycz)				
	*	95/32986	12/07/95	WO (Agrawal et al.)				
	*	96/10390	04/11/96	WO (Ansell et al.)				
	*	96/10391	04/11/96	WO (Choi et al.)				
	*	96/10392	04/11/96	WO (Holland et al.)				
	*	96/18736	06/20/96	WO (Beigelman et al.)				
	*	96/22689	08/01/96	WO (Pyle et al.)				
	*	97/26270	07/24/97	WO (Wincott et al.)				
	*	98/13526	04/02/98	WO (Woolf et al.)				
V	*	98/27104	06/25/98	WO (Breaker et al.)				
/TCG/	*	98/28317	07/02/98	WO (Matulic-Adamic et al.)				

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Applicant: McSwiggen et al.					
			Filing Date: June 19, 2006	Group: 1635	

/TCG/	*	98/43993	10/08/98	WO (Breaker et al.)				
	*	98/58058	12/23/98	WO (Ludwig & Sproat)				
	*	99/04819	02/04/99	WO (Klimuk)				
	*	99/05094	02/04/99	WO (Beigelman et al.)				
	*	99/07409	02/18/99	WO (Deschamps de Paillette)				
	*	99/14226	03/25/99	WO (Wengel et al.)				
	*	99/16871	04/08/99	WO (Eckstein et al.)				
	*	99/17120	04/08/99	WO (Davis and Bishop)				
	*	99/29842	06/17/99	WO (Sullenger et al.)				
	*	99/31262	06/24/99	WO (Barry et al.)				
	*	99/32619	07/01/99	WO (Fire et al.)				
	*	99/49029	09/30/99	WO (Graham et al.)				
	*	99/53050	10/21/99	WO (Waterhouse et al.)				
	*	99/54459	10/28/99	WO (Thompson et al.)				
	*	99/55857	11/04/99	WO (Beigelman et al.)				
	*	99/61631	12/02/99	WO (Heifetz et al.)				
	*	99/66063	12/23/99	WO (Manoharan et al.)				
	*	00/01846	01/13/00	WO (Plaetinck et al.)				
▼	*	00/03683	01/27/00	WO (Boey et al.)				
/TCG/	*	00/17369	03/30/00	WO (Gurney et al.)				

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/TCG/	*	00/24931	05/04/00	WO (Nathan and Ellington)				
	*	00/26226	05/11/00	WO (Breaker et al.)				
	*	00/44895	08/03/00	WO (Kreutzner et al.)				
	*	00/44914	08/03/00	WO (Li et al.)				
	*	00/49035	08/24/00	WO (Jen Sheen)				
	*	00/53722	09/14/00	WO (O'Hare et al.)				
	*	00/63364	10/26/00	WO (Pachuk et al.)				
	*	00/66604	11/09/00	WO (Wengel et al.)				
	*	01/04313	01/18/01	WO (Satishchandran et al.)				
	*	01/16312	03/08/01	WO (McSwiggen et al.)				
	*	01/29058	04/26/01	WO (Mello et al.)				
	*	01/36646	05/21/01	WO (Zernicka-Goetz et al.)				
	*	01/38551	05/31/01	WO (Grossniklaus)				
	*	01/42443	06/14/01	WO (Churikov)	ONLY ABSTRACT	CONSIDERED		
	*	01/49844	07/12/01	WO (Driscoll et al.)				
	*	01/53475	07/26/01	WO (Cogoni et al.)				
	*	01/68836	09/20/01	WO (Beach et al.)				
	*	01/70944	09/27/01	WO (Honer et al.)	ONLY ABSTRACT	CONSIDERED		
▼	*	01/70949	09/27/01	WO (Graham et al.)				
/TCG/	*	01/72774	10/04/01	WO (Deak et al.)				

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/TCG/	*	01/75164	10/11/01	WO (Tuschl et al.)				
	*	01/92513	06/12/01	WO (Arndt and Raponi)				
	*	01/96584	12/20/01	WO (Mushegian et al.)				
	*	02/055692	07/18/02	WO (Kreutzer)	ONLY ABSTRACT	CONSIDERED		
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	*	02/087541	11/07/02	WO (MacLachlan)				
	*	02/094185 (PCT/US02/15876)	11/28/02	WO (Beigelman et al.)				
	*	02/22636	03/21/02	WO (Bennett et al.)				
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